Week 3

Web App Development With Django

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View
Template
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Introduction

Why Django?

Web App Development With Django

Fully loaded.

Django includes dozens of extras you can use to handle common web development tasks. Django takes care of user authentication, content administration, site maps, RSS feeds, and many more tasks — right out of the box.

SEE WHAT'S INCLUDED ›

Exceedingly scalable.

Some of the busiest sites on the planet use Django's ability to quickly and flexibly scale to meet the heaviest traffic demands.

LEARN MORE ABOUT SCALING DJANGO APPLICATIONS ›

Reassuringly secure.

Django takes security seriously and helps developers avoid many common security mistakes, such as SQL injection, cross-site scripting, cross-site request forgery and clickjacking. Its user authentication system provides a secure way to manage user accounts and passwords.

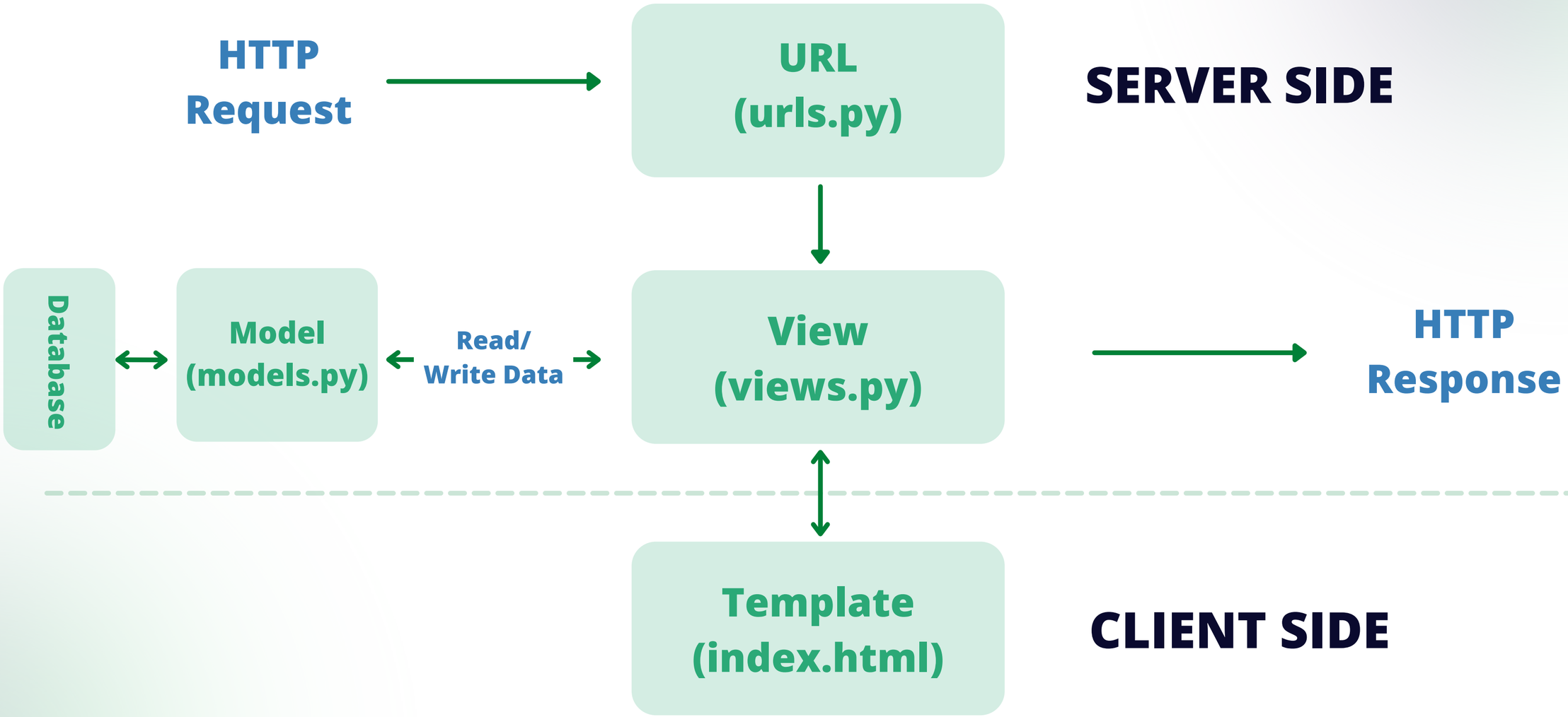
READ OUR SECURITY OVERVIEW ›

Ridiculously fast.

Django was designed to help developers take applications from concept to completion as quickly as possible.

SEE HOW FAST YOU CAN START BUILDING ›

How Django Works?



Environment Setup

Dev Tools

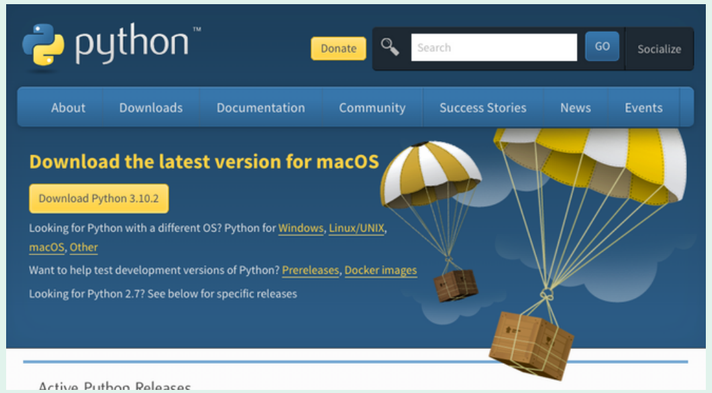
1 Visual Studio Code

Useful VS Code extensions

- Django
- Django Templates
- Django Templates and Backend snippets
- Prettier
- Material icon

2 python

https://www.python.org/downloads/



3 django

https://docs.djangoproject.com/en/4.0/topics/install/#installing-official-release

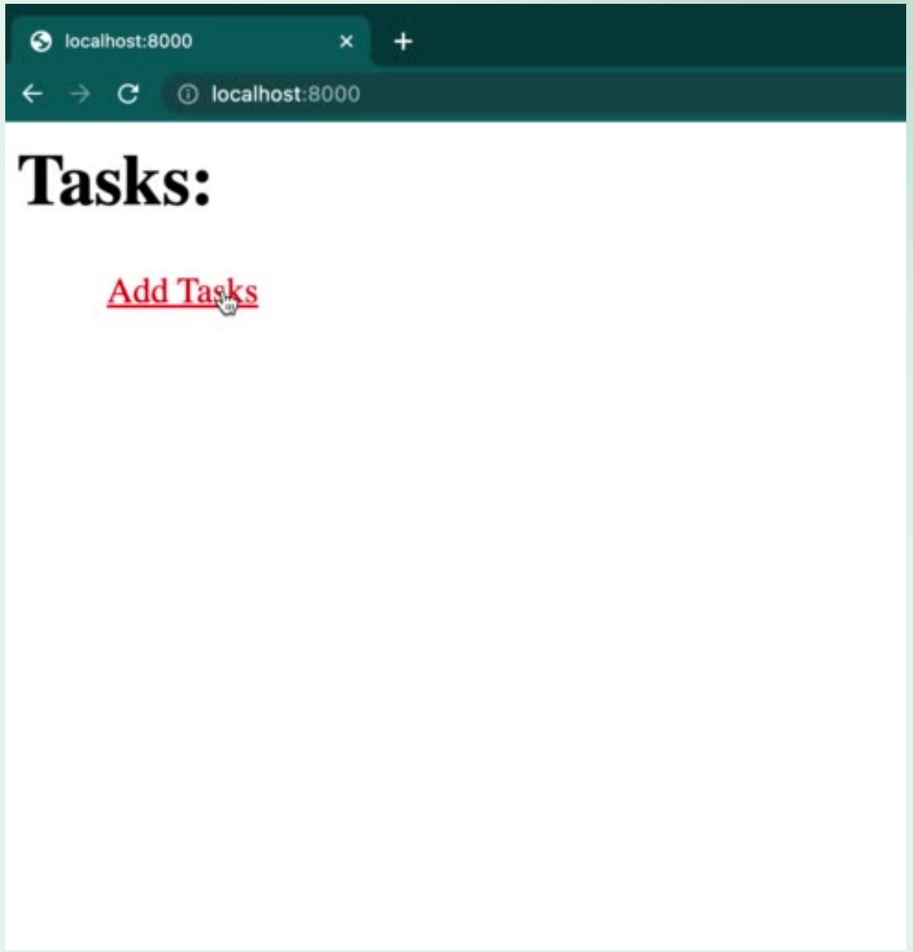
```
$ python -m pip install Django
```

```
...\> py -m pip install Django
```

View
Template
Form
Model & Database

Creating Your First Django App

Tasks App



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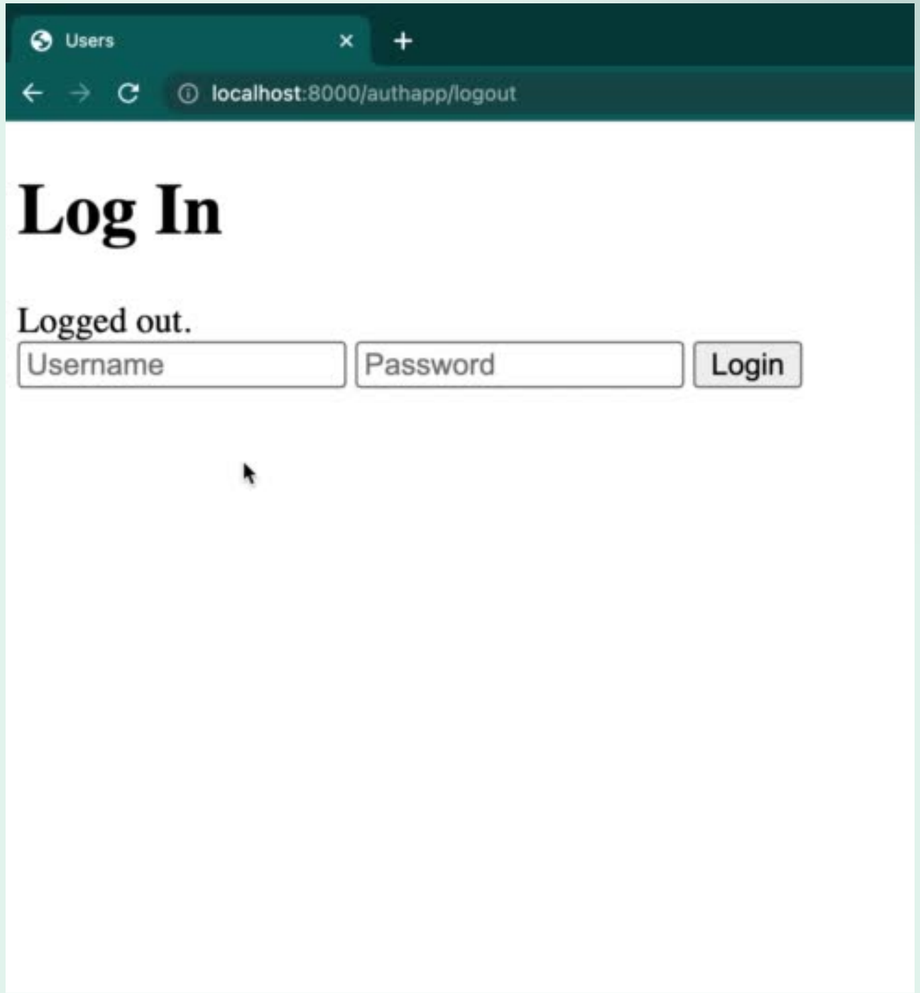
Project 1

User Authentication System



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The End

See You Next Week